



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	CRYSTAL RIVER, FL	<b>Accident Number:</b>	MIA82FLD13
<b>Date &amp; Time:</b>	02/01/1982, 1130 EST	<b>Registration:</b>	N5111D
<b>Aircraft:</b>	CESSNA 172	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious, 1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation -		

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## Analysis

THE PRIVATE PILOT WAS A FOREIGN NATIONAL THAT WAS DISPATCHED ON A SOLO CROSS-COUNTRY TRAINING FLIGHT. HOWEVER, HE DEPARTED ON A DIFFERENT ROUTE WITH A PASSENGER. DURING THE RETURN FLIGHT, HE ENCOUNTERED DETERIORATING WEATHER AND DECIDED TO LAND AT THE CRYSTAL RIVER AIRPORT. A WITNESS OBSERVED THE PILOT LAND WITH A TAILWIND, THEN INITIATED A GO-AROUND ABOUT 3/4 OF THE WAY DOWN THE RUNWAY. WHILE CLIMBING OVER TREES, THE AIRCRAFT ROLLED LEFT, THE NOSE DROPPED, AND THE PLANE CRASHED.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

## Findings

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Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. (F) WEATHER CONDITION
2. PERFORMED - PILOT IN COMMAND
3. (F) WEATHER CONDITION - TAILWIND
4. (C) WRONG RUNWAY - SELECTED - PILOT IN COMMAND
5. (F) LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND
6. (C) DISTANCE - MISJUDGED - PILOT IN COMMAND
7. (C) AIRSPEED - MISJUDGED - PILOT IN COMMAND
8. (F) TERRAIN CONDITION - HIGH OBSTRUCTION(S)
9. (C) GO-AROUND - DELAYED - PILOT IN COMMAND
10. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
11. (C) STALL/SPIN - INADVERTENT - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	30, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	08/31/1981
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	112 hours (Total, all aircraft), 27 hours (Total, this make and model), 44 hours (Pilot In Command, all aircraft), 32 hours (Last 90 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N5111D
<b>Model/Series:</b>	172 172	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	17272425
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	2150 lbs
<b>Time Since Last Inspection:</b>	63 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1967 Hours	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-320
<b>Registered Owner:</b>	BURNSIDE OTT	<b>Rated Power:</b>	160 hp
<b>Operator:</b>	BURNSIDE OTT	<b>Operating Certificate(s) Held:</b>	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	7 Miles
Lowest Ceiling:	Broken / 1000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	/ 0° C
Precipitation and Obscuration:			
Departure Point:	PERRY, FL	Type of Flight Plan Filed:	None
Destination:	OPA LOCKA, FL	Type of Clearance:	None
Departure Time:	1030	Type of Airspace:	

## Airport Information

Airport:	CRYSTAL RIVER (X31)	Runway Surface Type:	Gravel
Airport Elevation:	0 ft	Runway Surface Condition:	Wet
Runway Used:	27	IFR Approach:	
Runway Length/Width:	3000 ft	VFR Approach/Landing:	Touch and Go

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious, 1 Minor	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):		Report Date:	02/01/1983
Additional Participating Persons:			
Publish Date:			
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).